

DP-300170

PRE BRAZE INSTALLED DESICCANT ASSEMBLY FOR AUTOMOTIVE
CONDENSER WITH INTEGRAL RECEIVER

ABSTRACT OF THE DISCLOSURE

A condenser (10) with a return header tank (14) has a receiver tank (22) physically attached along side a return header tank (14). The bottom of receiver tank (22) is closed by an end cap (42) that is attached during the single, high temperature braze process that forms the entire condenser. The desiccant cartridge assembly (24) of the invention has components of a material and design that allow it to be installed within tank (22) before the end cap (42) is attached during the braze process, with no subsequent steps.